

TCP5000G

Thermal Conductive Silicone Pads

Structure



Typical Properties

Mechanical	Value	Test Method
Colour	Gray	Visual
Reinforcement Carrier	-	-
Inherent Surface Tack (1 or 2 sided)	2	-
Thickness (mm)	0.1 ~ 5	ASTM D374
Specific Gravity	3.2	KSF 4910
Hardness (Shore 00)	60±10	ASTM D2240
Continuous Use Temp. (°C)	-60°C ~ 200°C	
Dielectric Breakdown Voltage (Vac)	Min. 6KVac/mm	ASTM D149
Dielectric Constant (1000Hz)	5.5	ASTM D150
Volume Resistivity (Ω·cm)	1.6×10^{13}	ASTM D257
Flame Rating	V-0	UL94
Thermal Conductivity (W/mk)	7.0	ASTM D5470

